

DEPARTMENT OF EDUCATION- FEDERAL STUDENT AID FINANCIAL PARTNERS



PROCESSES DESIGN FUNCTIONAL DESIGN DOCUMENT FINANCIAL PARTNERS DATA MART RELEASE III

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1 Lender Access Design

1.1 Lender Access Overview

The Financial Partners Data Mart (FP Data Mart) provides executive information and decision support capabilities around several key business functions, which include Risk Management, Customer Relationship Management, Compliance Management, and Portfolio Management. By collecting information from several sources into a central location, personnel in the Channel (as well as external partners such as Guaranty Agencies and Lenders) are able to more efficiently identify areas in which each party may assist the other.

Access to the FP Data Mart shall be provided to a defined Lender end-user community. Lenders shall have access to only their designated reports and data, via defined MicroStrategy Security Roles and Filters.

1.1.1 New Lender Access Requests

FSA's SSO (System Security Officer) team shall receive, authorize, process, manage and distribute Lender requests for Login IDs.

FSA's SSO team shall submit new Lender Access Requests to the FP Data Mart Operations team. A FP Data Mart Operations team member will create Login IDs with the appropriate Security Roles and Privileges, and will communicate the completion of the request to the appropriate Power User.

1.1.2 Public and Restricted Accounts

Each Lender shall have two specified users, with two Login IDs per user: 1) Public, and 2) Restricted.

Login ID	Function
Public Login ID	Provide Lenders with access to reports in the public domain.
Restricted Login ID	Provide Lenders with access to Lender specific reports and Lender specific data.

The FP Data Mart shall prohibit Lenders from accessing data on other Lenders via the use of defined MicroStrategy Security Roles and Filters.

1.2 MicroStrategy Authentication and Identification

All applications/systems require protection for Confidentiality and Integrity of data. MicroStrategy provides several technical mechanisms to ensure the Confidentiality and Integrity of data stored within the FP Data Mart.

1.2.1 Security Roles and Filters

To ensure the Confidentiality and Integrity of Lender data, MicroStrategy's security model utilizes two native security features: 1) Security Roles, and 2) Security Filters.

A *Security Role* contains the set of permissions or privileges that a user has in the FP Data Mart. A *Security Filter* is a qualification that governs the information that a Lender is entitled to view. The

combination of both Security Roles and Filters ensures that Lenders only have the authority to view information related to their own organization.

1.2.2 Maintenance of Login IDs

The FP Data Mart stores and encrypts Lender Login IDs and Passwords in the MicroStrategy metadata repository. MicroStrategy utilities provide the FP Data Mart team with the ability to initially create a Lender's User IDs, force users to change passwords upon first successful login, and enforce periodic password changes.

2 Narrowcast Server Design

2.1 Narrowcast Server Process Overview

The Financial Partners Data Mart (FP Data Mart) provides executive information and decision support capabilities around several key business functions, which include Risk Management, Customer Relationship Management, Compliance Management, and Portfolio Management. By collecting information from several sources into a central location, personnel in the Channel (as well as external partners such as Guaranty Agencies and Lenders) are able to more efficiently identify areas in which each party may assist the other.

The Financial Partners Data Mart (FP Data Mart) shall provide the capability of automatically 'pushing', or distributing, reports and alerts to users, using MicroStrategy's Narrowcast product. The schedule and audience of 'pushed' reports will be based on ongoing request process, designed to capture user requests for scheduled reports.

FP Data Mart's Power Users shall receive, authorize, manage and distribute requests for scheduled reports and alerts. Power Users shall submit Narrowcast Request Forms to the FP Data Mart operations team- capturing Requestor, Report, and Schedule information. The FP Data Mart Operations team will process the request form, and will communicate the completion of the request to the appropriate Power User.

2.2 Narrowcast Server Delivery Format Specifications

FP Data Mart shall email reports to defined end-users as HTML, Text files, or Excel attachments based on requested schedule or threshold.

3 APPENDIX A - Glossary

Login ID	Function
Narrowcast Server	A component of the MicroStrategy product suite that 'pushes' reports or alerts to defined end-user communities via email.
Public Login ID	Public Login IDs provide Lenders with access to reports in the public domain.
Restricted Login ID	Provide Lenders with access to Lender specific reports and data
Security Filter	Contains the set of permissions or privileges that a Lender Login ID has in the Financial Partners Data Mart.
Security Role	Governs the information that a Lender is entitled to view.

4 APPENDIX B – Sample Form for Narrowcast Reports

Financial Partners Data Mart	
Narrowcast Request Form	
REQUESTOR INFORMATION	
Requestor Name: _____	Date: _____
Org Name: _____	Email Address: _____
FSA Power User Contact: _____	Telephone #: _____
NARROWCAST INFORMATION	
Report / Alert: _____	Comment(s): _____
Schedule: _____ (Daily, Weekly, Monthly, Annually)	_____
Target Medium: _____ (Email, PDA, Cell)	_____
Format: _____ (HTML, Text, Excel attachment)	_____